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Repton Rural District Council.

ANNUAL REPORT

—OF THE—

Medical Officer of Health for the year 1937

—BY—

JOHN A. WATT, M.B., Ch. B., D.P.H.

JONES, PRINTER, BURTON

REPTON RURAL DISTRICT COUNCIL OFFICES,
"THE POPLARS",
ROLLESTON ROAD,
BURTON-ON-TRENT,
1st July, 1938.

To the Chairman and Members of the
Repton Rural District Council.

LADY AND GENTLEMEN,

I have the honour to present my Annual Report on the Health, Housing and Sanitary Condition of the District for the year 1937.

It is my eleventh annual report, and as I look back over the last decade I am impressed by the great improvement in the social conditions of the people and their environment. Pure and ample water supplies, water carriage and modern sewage disposal works, and house refuse collection and disposal have now been provided in all but the smaller rural parishes. Nearly 400 houses have been built by the Council for the lower paid workers, and more are proposed to abate overcrowding and re-house tenants displaced by slum clearance. It appears that unless private enterprise can build houses to let at a reasonable economic rent the Council will be compelled to continue to build.

I have to thank the Sanitary Inspectors for their able assistance in preparing this Report, and also the Clerk and Officers of the Council for their courtesy and co-operation.

I have the honour to be,

Your obedient servant,

JOHN A. WATT.

PUBLIC HEALTH STAFF.

Medical Officer of Health of the District:
JOHN A. WATT, M.B., Ch. B., D.P.H.

Sanitary Inspectors:
J. CRABTREE, M.S.I.A.
GEORGE V. PEACE, M.S.I.A.

Engineer and Surveyor:
J. O. HUNTER, M. Inst. M. & Cy. E.

Clerk:
Miss L. OAKDEN.

Clerk of the Council:
ARTHUR E. GILBERT.

County Tuberculosis Officer:
C. KINGSTON, M.R.C.S., D.P.H.

County Bacteriologist:
SHEILA ROSS, M.D., D.P.H.

Repton Joint Isolation Hospital.

Medical Superintendent:
JOHN A. WATT, M.B., Ch. B., D.P.H.

Matron:
Miss C. C. JONATHAN.

Clerk:
ARTHUR E. GILBERT.

Section A.

STATISTICS AND SOCIAL CONDITIONS.

Elevation of the District from 130 to 604 O.D.
Area ... ... 65,654 acres
Registrar General's estimated population, mid 1937 —27,480
Number of inhabited dwellings end of 1937—7,425
Rateable value, 31st March, 1937—£123,591
Produce of 1d. rate—£495

The Repton Rural District of irregular shape lies in the southern extremity of Derbyshire, and touches the County Boroughs of Derby and Burton-on-Trent. It is bounded on the north by the Rural Districts of Ashbourne and Belper, on the east side by the Rural District of Shardlow and the County of Leicester, on the western side by the River Trent and its tributary the Dove, which separates it from the County of Stafford. The district along the Trent valley is flat, but to the north and south the land rises, attaining a maximum altitude of 600 feet.

Occupation of Inhabitants. Most of the district is agricultural and devoted to dairy farming. There is a small coalfield, and brick and sanitary pipe works in the southern portion of the area. Two of the largest County Institutions are situated within the district, (1) the Derby County Mental Hospital with 1,250 patients as well as nursing and domestic staff; (2) Bretby Hall Orthopædic Hospital, for the treatment of surgical tuberculosis and orthopædic defects in children, with 200 patients and staff. In addition, Repton School with its pupils, teachers and officials embraces a population of about 500. There are two preparatory private schools in the district, viz: The Ash, and Mickleover Manor School.

A municipal Air Port is now under construction at Burnaston by the Borough of Derby.

VITAL STATISTICS.

	Total	M.	F.	
LIVE BIRTHS				
Legitimate	353	196	157	Birth Rate per 1,000 of the estimated resident population 13.25
Illegitimate	11	8	3	
	364	204	160	
STILL BIRTHS	18	8	10	Rate per 1,000 total (live and still) births 47
DEATHS ...	329	177	152	Death Rate per 1,000 of the estimated resident population 11.9

Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List):—

	Deaths.	Rate per 1,000 total (live and still) births.
No. 29 Puerperal sepsis ...	Nil	——
No. 30 Other puerperal causes	1	2.6
Total	1	2.6

Deaths of Infants under 1 year	M.	F.
Legitimate ...	10	16
Illegitimate ..	1	1
Total	11	17

Death Rate of Infants under one year of age:—

All infants per 1,000 live births—73.3

Legitimate infants per 1,000 legitimate live births—71.5

Illegitimate infants per 1,000 illegitimate live births—181

Deaths from Cancer (all ages)—33

" " Measles (all ages)—2

" " Whooping Cough (all ages)—Nil

" " Diarrhœa (under 2 years of age)—Nil

The following table gives the birth, death, and infantile mortality rates for the last 10 years—

Year	Birth Rate	Death Rate	Infantile Mortality
1927	17.12	13.24	83.3
1928	17.55	9.04	34.1
1929	16.20	10.56	50.6
1930	17.1	10.01	54.5
1931	14.14	10.59	68.4
1932	16.4	9.4	42.3
1933	14.2	9.96	60.4
1934	14.37	9.59	58.2
1935	13.9	9.9	46.6
1936	15.1	11.06	48
1937	13.25	11.9	71.5
	England and Wales		
1937	14.9	12.4	58

The increase in the Death Rate during 1937 was due to the extensive epidemic of Influenza prevalent in the early months, thus Influenza and Pneumonia, Bronchitis and other respiratory diseases were responsible for 43 deaths as against 25 in 1936. There was a marked increase in deaths caused by Diabetes, 11 deaths were assigned to this cause as against an average of 3 in the previous 4 years. It is not believed that there is any real increase in Diabetes, but this cause is now more often assigned as the primary cause of death than before.

Causes of Death in Repton Rural District.

During the year 1937.

	Causes of Death	M.	F.
	ALL CAUSES ...	177	152
1.	Typhoid and para-typhoid Fever	—	—
2.	Measles	1	1
3.	Scarlet Fever	1	—
4.	Whooping Cough ...	—	—
5.	Diphtheria	—	1
6.	Influenza	4	4
7.	Encephalitis lethargica ...	1	1
8.	Cerebro-spinal Fever ..	—	—
9.	Tuberculosis of respiratory system	4	1
10.	Other Tuberculosis ...	2	1
11.	Syphilis	1	—
12.	General paralysis of insane, tabes, &c.	—	—
13.	Cancer	16	17
14.	Diabetes ...	7	4
15.	Cerebral Hæmorrhage, &c. ..	15	9
16.	Heart Disease	51	38
17.	Aneurysm	—	1
18.	Other circulatory diseases ...	7	12
19.	Bronchitis	5	10
20.	Pneumonia (all forms) ...	7	9
21.	Other respiratory diseases ...	3	1
22.	Peptic ulcer	7	—
23.	Diarrhœa (under 2 years and over)	—	—
24.	Appendicitis	—	—
25.	Cirrhosis of liver ...	—	—
26.	Other liver diseases ...	—	—
27.	Other digestive diseases ..	1	5
28.	Acute and chronic nephritis	4	6
29.	Puerperal sepsis ...	—	—
30.	Other puerperal diseases ...	—	1
31.	Congenital debility, Premature birth, &c. ...	7	7
32.	Senility	9	9
33.	Suicide	—	—
34.	Other violence	12	5
35.	Other defined diseases ...	12	9
36.	Ill defined or not known ...	—	—

Section B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

1. Medical.

The Medical Officer of Health is not in private practice and holds other appointments as Medical Officer of Health to the Lichfield Rural District Council and Medical Superintendent of the Repton Joint Isolation Hospital.

Tuberculosis Officers and Medical Officers for School, Maternity, and Child Welfare work are employed by the Derbyshire County Council.

The District Medical Officers under the Public Assistance Committee are as follows :—

Parishes	Name and address of District Medical Officers
Castle Gresley and Linton ...	Dr. S. T. Cochrane, Swadlincote.
Bretby, Findern, Foremark, Ingleby, Newton Solney, Repton, Twyford and Stenson, and Willington.	Dr. E. V. Lindsey, Repton.
Catton, Walton-on-Trent, Coton-in-the-Elms, Cauldwell, Rosliston, Drakelow, Lullington, Overseal and Netherseal.	Dr. Gordon Gillies, 240, Branstone Road, Burton-on-Trent.
Ash, Bearwardcote, Burnaston, Dalbury Lees, Egginton, Etwall, Mickleover, Hilton, Osleston and Thurvaston, Radbourne, Trusley, and Sutton-on-the-Hill.	Dr. A. Ramsay, The Grove, Etwall, Nr. Derby.
Barton Blount, Church Broughton, Foston and Scropton, Marston-on-Dove, Hatton and Hoon.	Dr. J. N. Gale, Tutbury.
Hartshorne, Boundary, Woodville, Calke, Smisby, and Ticknall.	Dr. Griffith Love, Moira Road, Woodville.

2. Non-Medical.

For sanitary administration the district is divided into two areas, North and South, each in charge of a Sanitary Inspector.

A list of the Authority's officers is given on page 2

(a) Laboratory Facilities.

The Derbyshire County Council maintain Bacteriological and Chemical Laboratories at their offices in Derby, which are freely used by practitioners throughout the district.

A tabulated list of work carried out during the year is given below.

	Pos.	Neg.	Total
Enterica :—			
Typhoid, Para-typhoid A and B	1	4	5
Gaertner, Dysentery, etc. ...	1	7	8
Diphtheria	10	107	117
Phthisis	5	56	61
Water	9	—	9
Milk for Methylene Blue Reduction Test, Routine Sample	—	1	1
Milk for Bacillus Coli, Routine Sample	—	1	1
Milk for Tubercle Bacilli, Inoculation Test :—			
Milk and Dairies Act ...	19	155	174
Routine Samples	—	6	6
Miscellaneous	7	17	24
Total	52	354	406

(b) Ambulance Facilities.

The Ambulance service throughout the district is adequate for normal requirements.

Infectious Diseases.

An 18-H.P. Commer Motor Ambulance is maintained by the Repton Joint Isolation Hospital Committee at the Hospital, Etwall, for the removal of infectious cases. Telephone No. Etwall 5.

Non-Infectious.

The following Ambulances are available :—

Derby Fire Station	Telephone Derby No. 1	Derby Corporation Ford 22-H.P. which carries 2 stretcher cases.

Derby 146, Burton Road	Telephone Derby 1361	Red Cross Society's Ambulances: (1) Bedford 26-H.P. for 2 stretcher cases or 6 sitting cases. (2) Ford 23-H.P. for 2 stretcher or 4 sitting cases.
Burton Fire Station	Telephone Burton 2222.	Burton Corporation 18-H.P. Guy for 2 stretcher cases and 4 or 5 sitting cases.
Swadlincote	Telephone Swadlincote 7310.	Horse drawn Ambulance for 2 stretcher and 4 sitting cases.
Gresley	Telephone Swadlincote 7153.	Gresley Colliery 20-H.P. G.M.C. for 4 stretcher and 8 sitting cases.
Sudbury	Sudbury No. 1	Ford Ambulance, 2 cases.

(c) **Nursing in the Home.**

The following District Nursing Associations who are affiliated to the County Nursing Association work within the District. The nurses carry out general nursing of the sick, and those marked with a star do midwifery as well:—

Nurses.	District.
* V. A. V. Marshall, 28, Station Road, Mickleover.	Mickleover.
* N. G. Greenwood, Blakeley House, Egginton Road, Etwall.	Etwall, Egginton, Burnaston Ash, Bearwardcote, Hilton.
* E. Mason, Nurses' Cottage, Ticknall.	Ingleby, Foremark, Ticknall, Calke, Hartshorne, Smisby.
* S. Stanley Pare, Nurses' Cottage, Sudbury.	Barton Blount, Church Broughton, Foston and Scropton.
* S. Williams, Coronation Street, Overseal.	Seales.

Not affiliated to the County Nursing Association :—

J. L. Prestidge, Nurses' Cottages, High Street, Repton.	Repton and Milton.
A. Gwillam, Scropton Road, Hatton.	Hatton.

County Midwives.

With the advent of the new Midwives' Act, the following County midwives have been appointed:—

Mrs. N. Cudworth, 11, Petersham Drive, Alvaston.	Findern and Twyford.
Miss E. J. Badham, George Street, Melbourne.	Repton, Newton Solney, Willington.
Miss A. Skinner, 45, Coton Park, Linton	Drakelow, Castle Gresley, Linton, Overseal, Netherseal, Cauldwell, Rosliston, Catton, Walton-on-Trent, Lullington, Coton-in-the-Elms.
Mrs. E. Fisher, 95, Midway Road, Midway.	Bretby, Woodville.
Mrs. C. Greatorex, Weston Underwood.	Osleston and Thurvaston, Trusley, Dalbury Lees, Radbourne, Sutton-on-the-Hill, Hatton, Hoon, Marston-on-Dove.

Independent Midwives *practising in the District.*

E. Clamp,
Laburnam Villa,
Main Road,
Linton.

A. Roberts,
2, Council Houses,
Castleway Road,
Willington.

S. A. Bloor,
Hillside,
Hartshorne.

Health Visitors.

The Derbyshire County Council have the following Health Visitors working in the district:—

Miss Noble	North Rural
,, Wilson	South Rural
,, Stevens	Linton and Castle Gresley

(d) Treatment Centres and Clinics.

Maternity and Child Welfare.

There are Ante-Natal Clinics at Derby and Swadlincote available for women in the Repton District. No Infant Welfare Centres are provided by the County Council within the area. A voluntary Infant Welfare Centre has been conducted for many years at Mickleover and now receives a grant of £10 yearly from the County Council.

School Clinics.

The County Education Authority have Clinics at Derby and Swadlincote for

(1) Minor ailments.
(2) Dental defects.
(3) Diseases of Eye.
(4) ,, ,, Ear, Nose and Throat.
(5) Orthopædics.

Tuberculosis Dispensaries.

Derby at County Offices—
Fridays 9-30 a.m. to 12-30 p.m. and 2 to 3-30 p.m.

Burton at 59, Milton Street—Mondays 10 a.m. to 12-30 p.m.

Venereal Diseases.

Treatment Centres are held at the Derbyshire Royal Infirmary and Burton General Infirmary.

HOSPITALS.

The Repton Joint Isolation Hospital is managed by a Joint Committee representing the Repton Rural District Council with eight members and the Swadlincote District Urban District Council with six members. The Hospital is situated at Sandy Pits Lane, Etwall, and a scheme of enlargement is now in process of erection. The extension consists of a new cubicle block of twelve beds, an addition to the present diphtheria ward of eight beds, and an enlargement of the administrative block to accommodate the nursing and domestic staff. The total accommodation then provided will consist of—

Scarlet Fever Pavilion	...	12 beds
Diphtheria Pavilion	...	14 ,,
Cubicle Block	..	12 ,,
		38

The Ministry of Health propose to issue an Order as from 1st October, 1938, making the Ashbourne Rural District Council a constituent authority of the Repton Joint Hospital Board. The Board will then consist of 17 members, e.g.

Repton Rural District Council	8
Swadlincote Urban District Council	6
Ashbourne Rural District Council	3

Section C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLIES:—

Piped supplies come from the following sources—

(1) Mickleover Parish and part of Stenson Road in Parish of Twyford and Stenson are supplied from the Derby Corporation mains.

(2) The South Staffordshire Waterworks Company supplies the following parishes:—

Castle Gresley	Newton Solney
Coton-in-the-Elms	Repton
Egginton	Rosliston
Etwall	Walton-on-Trent
Findern	Willington
Linton	

and part of Bretby and Drakelow.

(3) The Parish of Hatton is supplied by water purchased from the Tutbury Rural District Council.

(4) The Parishes of Woodville and Overseal are supplied from a well at Smisby, supplemented by water obtained from the Ashby and Swadlincote Joint Water Board. The Hamlet of Milton and part of Bretby have also a piped supply from the Ashby and Swadlincote Joint Water Board.

The Parish of Hartshorne is supplied with water from springs at Several Woods which gravitates to a covered reservoir, and the Parish of Ticknall from springs in the village which is pumped up to a high level reservoir and distributed by gravitation; the supplies are ample.

The remainder of the parishes are supplied from wells and springs.

During the year 41 samples of water have been sent for analysis—38 were examined chemically and 3 bacteriologically.

Reports of these Analyses are appended.

NORTHERN DISTRICT.

Analyses of Water during 1937.

No of Analysts' Report	Description	Analysed by	Chemical Analysis	Bacteriological exam.	Result of Analysis and action taken.
	SCROPTON				
6742	Well	County Council	1		Doubtful
165		do.		1	Under consideration.
	HATTON				
6609	Pump Well	do.	1		Unfit Piped water supply laid on to 3 houses
16854	Well	Matthews & Lott	1		Good. Sample was taken by Mr. T. W. Gerrard, Builder, and Water Certificate granted.
	DALBURY				
6608	Pump Well	County Council	1		Unfit. Well cleaned out.
	ETWALL				
6604	Well	do.	1		Unsatisfactory. Under consideration.
	HILTON				
6766	Borehole	do.	1		Unsuitable—too hard.
182		do.		1	Good. Further action being taken.
	OSLESTON				
6584	Draw Well	County Council	1		Unsatisfactory. Well cleaned out, sealed and pump fixed.
	EGGINTON				
6663	Well	County	1		All unsatisfactory. Further action being taken—piped water supply being laid on.
6662	,,	Council	1		
6661	,,	do.	1		
6660	,,	do.	1		
6659	,,	do.	1		
6658	,,	do.	1		
6655	,,	do.	1		
6654	,,	do.	1		
6653	,,	do.	1		
6652	,,	do.	1		
6651	,,	do.	1		
6650	,,	do.	1		
6644	,,	do.	1		Reasonably satisfactory for drinking purposes in its present condition. No action taken.

SOUTHERN DISTRICT.

Analyses of Water during 1937.

No of Analysts' Report	Description	Analysed by	Chemical Analysis	Bacteriological exam.	Result of Analysis and action taken.
	CAULDWELL VILLAGE Samples taken from all wells in the village (10), and the report on same is as follows:—				
17141	Village Pump	Matthews & Lott, Burton-on-Trent	I		Unfit Well cleaned out
17189	Well		I		Unfit Owner requested to have well cleaned out
"	"	"	I		Unfit do. do.
"	"	"	I		Unfit do. do.
"	"	"	I	—	Of somewhat doubtful purity—suggest bacteriological examination is desirable. Owner-occupier requested to have well cleaned out.
"	"	"	I		Unfit Owner requested to have well cleaned out
"	"	"	I	—	Of doubtful purity—suggest bacteriological examination is desirable. Owner requested to have well cleaned out.
"	"	"	I		Unfit Owner requested to have well cleaned out
"	"	"	I		Unfit do. do.
"	"	"	I		Satisfactory
	NEWTON SOLNEY				
43	Well	County Council	—	I	Analysis approved by Medical Officer of Health

During the year the Council have taken up, with the several water suppliers concerned, the question of hardness of the water.

The South Staffordshire Water Works Company have now informed the Council that they are installing a water softening plant at their Chilcote works.

The Tutbury Rural District Council have still got this matter under consideration.

WATER SUPPLIES.

The Public Health Act, 1936, came into force on the 1st October, 1937, and Section 137 of this Act now takes the place of Section 6 of The Public Health (Water) Act, 1878.

In future, before plans of any house can be approved, the person putting forward the plan must satisfy the Council that there will be a sufficient and wholesome supply of water for domestic purposes, otherwise the Authority *shall* reject the plan.

EXTENSIONS OF WATER MAINS.

CAULDWELL.

Short extensions of mains are about to be laid in this parish by the South Staffordshire Water Works Company.

HARTSHORNE.

Approximately 1,700 yards of 3 inch cast iron water main has been laid to supply water to the new Sandcliffe Road Housing Estate.

RIVERS AND STREAMS.

WILLINGTON BROOK-COURSE. The Sanitary Inspector reported considerable sand pollution of this brookcourse during the year, this was mainly from the gravel washings at Willington Gravel Company's Works, and during the excavations at the new Derby Airport at Burnaston, for drainage operations and levelling.

Action was taken to prevent recurrence, and the brook-course was cleaned out.

REPORT OF ENGINEER AND SURVEYOR.

Sewerage and Sewage Disposal.

BRETBY.

A Sewerage Scheme has been prepared for this parish by the Consulting Engineers, Messrs. Willcox, Raikes and Marshall, and a Ministry of Health Enquiry was held on the 10th December, 1937, but the Sanction to Loan has not yet been received. The Scheme provides for the sewering of a portion of Ashby Road and Bretby Lane. The Sewerage from Ashby Road will be pumped to the Burton Corporation sewers, and the Sewerage from Bretby Lane will gravitate to these sewers.

CASTLE GRESLEY.

The new Sewerage and Sewage Disposal Scheme for this parish is now complete, and consists of two Detritus Tanks, two Settling Tanks, three Filters, two Humus Tanks, and five Sludge Beds. The use of the old irrigation area near Castle Gresley Station has been discontinued.

COTON-IN-THE-ELMS AND ROSLISTON.

The Sewerage Scheme for these two parishes is still in abeyance, but preliminary work has been done and a detailed scheme will be submitted at the earliest opportunity.

FINDERN.

The Works of Sewerage and Sewage Disposal for this parish have now been completed, and the necessary house connections are proceeding satisfactorily. The new Works comprise four Filters, one Sedimentation Tank, one Storm Tank, two Humus Tanks, eight Sludge Beds and a Detritus Tank enlarged.

HATTON.

The Works of Sewerage and Sewage Disposal for this parish have now been commenced.

WILLINGTON.

A Ministry of Health Enquiry was held on the 4th May, 1938, on a Scheme of Sewerage and Sewage Disposal for this parish, and on receipt of Sanction to Loan, tenders will be invited.

HARTSHORNE.

Approximately 1,080 yards of 9″ stoneware sewer has been laid to take the drainage from the new Sandcliffe Road Housing Estate.

Signed: J. O. HUNTER, M. Inst. M. & Cy. E.
Engineer and Surveyor.

(1) CLOSET ACCOMMODATION.

Good progress was made in the Southern District with conversions to the water carriage system. Here 153 privies and pan closets were converted to water closets, 17 privies converted to pan closets, 139 privies and 29 ashpits abolished, and 152 covered sanitary dustbins provided in place of ashpits.

In the Northern District 35 privy closets were abolished (28 of these were converted to pails, and 6 to water-closets, and 1 not replaced); 9 pail closets were abolished (7 of these were converted to water-closets and 2 not replaced); 2 extra water-closets were provided.

The number of each type of closet at the end of 1937 for the whole of the Rural District is given below :—

No. of inhabited houses at end of 1937 ...		7425
No. of new houses erected during 1937 :—		
(a) By Local Authority ...	16	
(b) By Private Enterprise ...	128	
		144

CLOSET ACCOMMODATION.

(a) Water Closets	4517
(b) Pail Closets	1228
(c) Privy Middens, etc. ...	1482
(d) Trough and Slop Water Closets	5
	7232

CONVERSIONS TO WATER CLOSETS.

(a) Privy Middens	145
(b) Pail Closets	21
	166

(2) PUBLIC CLEANSING.

SCAVENGING.

The following parishes have methods of scavenging and house refuse disposal :—

PARISHES.	No. of Houses	Method	Approx. cost per house per annum. s.	d.
Bretby ...	189	Contract	15	4½
Burnaston ...	56	,,	4	6
Castle Gresley ...	384	,,	11	3¾
Church Broughton ...	120	,,	12	6
Coton-in-the-Elms	124	,,	13	6¾
Egginton ...	97	,,	10	0
Etwall ...	210	,,	7	3
Findern ...	180	,,	7	11
Foston and Scropton	150	,,	12	0
Hartshorne ...	315	,,	8	6¾
Hatton ...	327	,,	15	8
Hilton ...	225	,,	9	4
Linton ...	398	,,	10	6¼
Mickleover ...	1209	,,	7	6
Netherseal ...	224	,,	14	8½
Overseal ...	639	,,	9	5
Repton ...	458	,	8	8¼
Stenson ...	72	,,	8	11
Willington ...	265	,,	11	10
Woodville ..	792	,,	7	6½

EGGINTON. A Scavenging collection and disposal scheme was commenced on the 1st October for the weekly clearance of ashbins and pails, and a less frequent removal from ashpits and privy closets.

This scheme was adopted because the old Pinfold, where the refuse was dumped, was insanitary, and many of the cottages allowed large heaps of refuse to lie about before removal there.

The Pinfold was situated in the centre of the main street of the village, and the presence of house refuse attracted animals and flies. This refuse was removed monthly to another tip, and when removed caused further nuisance to the near-by residents.

HATTON. Complaints of roadside ditches filled with sewage matter have been considered, and owners of properties have been asked to provide cesspools, which will be emptied periodically by the Council.

Scavenging schemes are required for the Parishes of Rosliston, Smisby, Ticknall and Newton Solney. At the present time house refuse is allowed to accumulate and is a constant source of danger to the health of the public, and I recommend that proper scavenging schemes be inaugurated in these Parishes.

Refuse tips are either rented by the Council or by the Contractor.

(3) SANITARY INSPECTION OF THE AREA. NORTHERN DISTRICT

G. V. PEACE, *Inspector.*

Area of District—31,689 acres.

Estimated number of Houses—3,177.

New Houses erected 1937—(a) By Local Authority—Nil
(b) By Private Enterprise—78

	Number of Inspections made by Sanitary Inspector	Number of Notices Served Informal	Number of Notices Served Legal	No. of Nuisances abated with or without Notice
Closets and Ashpits—				
Defective Privies, Pail Closets & Ashpits (Not for Conversion)	152	38	2	47
Conversion of Privies into W.C.'s	72	33	—	35
Conversion of Pail Closets into W.C.'s	16	7	—	7
Conversion of Privies into Pail Closets	28	14	—	28
Defective Water Closets	10	2	—	2
Provision of Additional Water Closets	8	4	—	4
Provision of Portable Ashbins	136	38	—	96
Dirty Closets	16	3	—	3
Drainage—				
No Disconnection of Waste Pipe	12	4	—	4
Defective Waste Pipe, Traps, Inlets & Drains	78	29	4	32
Drains Obstructed	59	34	5	28
Other Defects—				
Paving of Courts and Yards	16	8	—	8
Roofs, Eaves-Spouts and Down-Spouts	185	63	3	59
Sinks	36	12	3	24
Insufficient Ventilation	48	23	4	22
Windows	37	18	4	17
Dampness	87	43	7	39
Water in Cellars	4	1	—	1
Water Supply	196	68	4	73
Overcrowding	172	—	—	28
Foul Condition of Houses	6	2	—	2
Offensive Accumulations	98	47	—	47
Animals improperly kept	6	3	—	3
Pigsties	9	2	—	2
Smoke Nuisances	12	1	—	—
Urinals	8	2	—	2
Nuisances not specified above	189	84	—	79
Totals	1696	583	36	692

	Number on Register	Inspections made	Notices served	Nuisances abated with or without Notice
Dairies, Cowsheds & Milkshops	364	728	42	66
Bakehouses	6	18	—	—
Slaughterhouses	12	572	—	—
Offensive Trades	—	—	—	—
Common Lodging-houses	—	—	—	—
Totals	382	1318	42	66

SOUTHERN DISTRICT

J. CRABTREE, *Inspector.*

Area of District—33,965 acres.

Estimated number of Houses—4,261.

New Houses erected 1937—(a) By Local Authority—16.
(b) By Private Enterprise—50

	Number of Inspections made by Sanitary Inspector	Number of Notices Served Informal	Legal	No. of Nuisances abated with or without Notice
Closets and Ashpits—				
Defective Privies, Pail Closets & Ashpits (Not for Conversion)	14	7	--	5
Conversion of Privies into W.C.'s	190	62	1	139
Conversion of Pail Closets into W.C.'s	31	11	—	14
Conversion of Privies into Pail Closets	43	18	—	17
Defective Water Closets	5	3	—	2
Provision of Additional Water Closets	13	8	—	6
Provision of Portable Ashbins	90	49	—	152
Dirty Closets	4	2	—	2
Ashpits abolished	29	33	—	64
Drainage—				
No Disconnection of Waste Pipe	10	9	—	8
Defective Waste Pipe, Traps, Inlets & Drains	38	36	—	25
Drains Obstructed	24	14	—	9
Other Defects—				
Paving of Courts and Yards	29	12	—	17
Roofs, Eaves-Spouts and Down-Spouts	134	67	8	161
Sinks	31	25	—	34
Insufficient Ventilation	71	31	2	67
Windows	59	28	3	69
Dampness	77	33	6	72
Water in Cellars	Nil	Nil	Nil	Nil
Water Supply	23	8	—	1
Overcrowding	95	—	—	45
Foul Condition of Houses	4	2	—	2
Offensive Accumulations	54	24	17	26
Animals improperly kept	2	1	—	1
Pigsties	Nil	—	—	Nil
Smoke Nuisances	2	1	—	1
Urinals	Nil	Nil	Nil	Nil
Nuisances not specified above	15	7	--	7
Totals	1087	491	37	946

	Number on Register	Inspections made	Notices served	Nuisances abated with or without Notice
Dairies, Cowsheds & Milkshops	248	45	23	16
Bakehouses	14	26	3	2
Slaughterhouses	21	727	8	8
Offensive Trades	Nil	—	—	—
Common Lodging-houses	Nil	—	—	—
Totals	283	798	34	26

(iv) SHOPS.

Administration of this Act is now carried out by the Rural District Council within their district, and delegation of powers from the County Council have been received with respect to—

1. Retail Meat Dealers Shops (Sunday Closing) Act, 1936.
2. Shops (Sunday Trading Restriction) Act, 1936.

No offences or contraventions of the Act were discovered. Infringements were chiefly in respect of shopkeepers failing to display the weekly half-day closing notice.

(v) SMOKE ABATEMENT.

The factory chimney at Messrs. Nestle's Tutbury Condensery (Parish of Hatton), which was causing a nuisance last year, has been observed during the year. Greater attention has been given to the stoking and better fuel used, and as a consequence less black smoke has been emitted and for much shorter periods.

The Management have promised to install mechanically fired boilers to replace the hand fed boilers now in use.

(vi) SWIMMING BATHS AND POOLS.

To my knowledge there are no swimming baths or pools in the Rural District open to the public.

(vii) ERADICATION OF BED BUGS.

No complaints of this pest were received.

5. SCHOOLS.

EGGINTON School has been supplied with a piped water supply from the public main, the well water having been analysed and found to be polluted.

CHURCH BROUGHTON School is still without a piped supply of water, and drinking water is obtained from a private pump on cottage property opposite.

The County Council have a piped supply near this village, and I recommend they should be approached to give a supply.

Section D.

HOUSING.

A large amount of work has been carried out under the Housing Acts, and many houses which were in a dilapidated state have been repaired and made sanitary.

It is imperative owing to the scarcity of working-class houses, that existing houses which can be made fit and kept in a good condition at a reasonable expense, should not be allowed to fall into a state of dilapidation.

Unfit Houses.

The following is a list of properties which have been demolished, or on which demolition orders were made, or closing orders placed, during the past year:—

Houses demolished:—

1 house	Main Street, Overseal
3 houses	Moira Road, ,,
4 ,,	Gorsey Leys, ,,
2 ,,	Slater Row, Hartshorne.

Demolition Orders made, not yet demolished:—

9 houses	The Rookery, High St., Woodville
4 ,,	Dag Lane, Overseal
2 ,,	Mill Lane, Repton
4 bungalows	Seal Wood, Netherseal
5 caravans	,, ,, ,,
1 house	Saw Pits Farm, Hatton

Houses not to be relet for human habitation:—

1 house	The City, Woodville
2 houses	Church Street, Coton-in-the-Elms
1 house	Dalbury Lees

Housing Conditions.

There is a considerable amount of overcrowding throughout the district which, owing to the scarcity of houses available at a rent suitable to meet the needs of the working classes, cannot be properly dealt with. The type of houses needed are those at a rent of 6/- to 7/- per week.

HOUSING.

Table of Plans of Houses passed and houses completed by the Rural District Council during 1937 :—

A. By Private Enterprise :—

Ash	1
Castle Gresley	2
Church Broughton	1
Dalbury-with-Lees	2
Drakelow	4
Findern	5
Foston and Scropton	1
Hartshorne	9
Hatton	14
Hilton	4
Linton	6
Mickleover	45
Newton Solney	2
Overseal	9
Repton	8
Smisby	1
Trusley	2
Walton-on-Trent	3
Willington	3
Woodville	6
	128

B. By the Rural District Council.

Castle Gresley	4
Hartshorne	2
Overseal	6
Woodville	4
	16

HOUSING.

The following houses have been erected by the Council within the District under the provisions of the Housing (Assisted Scheme) 1919, the Housing Act, 1923, the Housing (Financial Provisions) Act, 1924, and the Housing Act, 1930, respectively.

	Assisted Scheme, 1919		Housing Act, 1923		Financial Provisions Act, 1924		Housing Act, 1930		
	Parlour Type	Non-Parlour Type	Parlour Type	Non-Parlour Type	Parlour Type	Non-Parlour Type	Parlour Type	Non-Parlour Type	Total
Castle Gresley	8					16		4	28
Coton-in-the-Elms						12		10	22
Etwall ...	6	4							10
Findern ...		4				12			16
Foston and Scropton		4							4
Hartshorne ...						12		2	14
Hatton ...	10	2				20			32
Hilton ...						6			6
Linton ...	4	6			4	16			30
Mickleover ...	16					12			28
Netherseal ...						12			12
Overseal ...			10	15		34		6	65
Repton ...	8	4				6			18
Rosliston ...						6			6
Walton-on-Trent						6			6
Willington ...	6					18		10	34
Woodville ...			10	15		22		4	51
	58	24	20	30	4	210		36	382

HOUSING STATISTICS.

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:—

(1)	(*a*) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	769
	(*b*) Number of inspections made for the purpose	1442
(2)	(*a*) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ...	300
	(*b*) Number of inspections made for the purpose	645
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	27
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	276

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	301

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:—

(*a*)—Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:

(1)—Number of dwelling-houses in respect of which notices were served requiring repairs	42
(2)—Number of dwelling-houses which were rendered fit after service of formal notices:	
(*a*) By owners	31
(*b*) By Local Authority in default of owners	Nil

(*b*)—Proceedings under Public Health Acts:—

(1)—Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 34

(2)—Number of dwelling-houses in which defects were remedied after service of formal notices:—

(*a*) By owners 32

(*b*) By Local Authority in default of owners Nil

(*c*)—Proceedings under sections 11 and 13 of the Housing Act, 1936:—

(1)—Number of dwelling-houses in respect of which Demolition Orders were made 27

(2)—Number of dwelling-houses demolished in pursuance of Demolition Orders ... 10

(*d*)—Proceedings under section 12 of the Housing Act, 1936:—

(1)—Number of separate tenements or underground rooms in respect of which Closing Orders were made 2

(2)—Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... Nil

4. HOUSING ACT, 1936 (PART IV.) OVERCROWDING:—

(*a*) (1) Number of dwellings overcrowded at the end of the year 148

(2) Number of families dwelling therein 156

(3) Number of persons dwelling therein 973

(*b*) Number of new cases of overcrowding reported during the year 2

(*c*) (1) Number of cases of overcrowding relieved during the year 71

(2) Number of persons concerned in such cases 412

HOUSING (RURAL WORKERS) ACTS, 1926-1935.

During the year five applications for grant of assistance were made from the Northern District to the Council, for the improvement of existing dwelling accommodation, each being of proposed works within the scope of the Act. All of the applications were approved, and the work in all cases was completed.

Since delegation of this Act was received, and a Scheme adopted on the 2nd March, 1936, the following work has been carried out in the Northern District:—

Parish	Applications considered	Applications approved	Houses reconditioned
Dalbury Lees	4	3	4
Etwall	1	1	1
Stenson	1	1	1
Hilton	1	1	1
Findern	1	1	1
Church Broughton	1	1	3
Egginton	1	1	4
Total	10	9	15

Section E.

INSPECTION AND SUPERVISION OF FOOD.

(*a*) MILK SUPPLY.

Examinations of samples for bacterial count and for tubercle bacilli and the Milk (Special Designations) Order, 1923, are carried out by the County Council.

The administration of the Milk and Dairies Order, 1926, is carried out by the District Council.

The standard of Cowsheds and Dairies has been improved, there has been an increased number of cowsheds built, and 'Accredited' milk is being produced in the District.

Samples of milk, etc. are taken by an Inspector of the County Council and analysed by them.

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Pasteurised milk is produced in bulk at the Wilts United Dairies, Ltd., Egginton Branch, to whom a 'Pasteuriser's Licence' authorising the use of the special designation was granted, and a sample of this milk is taken quarterly for phosphatase test.

'Accredited' milk licences are granted by the County Council, and have resulted in many improvements in the sterilizing arrangements at farms.

A statement of the work carried out to Cowsheds and Farms under the Milk and Dairies Acts and Orders is given below :—

COWSHEDS AND DAIRIES.

Total number of Cowsheds	...	1148
Total number of Farms	...	612

NUMBER OF COWSHEDS.

1.	Newly built	... ...	19
2.	Entirely remodelled internally	..	37
3.	Not now used for milk beasts	.. ...	9
4.	Where new floors were laid	.. ...	46
5.	Where floors were repaired	... ...	21
6.	Where feeding troughs repaired or provided		45
7.	Where lighting and ventilation were improved		47
8.	Where lofts were removed	... ...	3
9.	Where loft floors were improved	...	3
10.	Where drain inlets were removed to outside		23
11.	Where drainage was provided	...	23
12.	Where walls were rendered in cement	...	32
13.	Where standings were paved	...	42
14.	Where approach paving was repaired	...	20
15.	Which were cleaned up	... ...	27
16.	Where manure dump was moved	...	6
17.	Where manure dump was improved	...	17
18.	Where work is completed	... ...	58
19.	Where work is in progress	... ...	4

NUMBER OF FARMS.

1.	Where new dairies were built	...	21
2.	Where dairies were improved	..	21
3.	Where cow-keeping was given up	...	—

(*b*) MEAT AND OTHER FOODS.

The number of Slaughter Houses in the District is 33 (13 Licensed and 20 Registered), and the number of Licences granted to Slaughtermen is 59.

During the year the Council reconsidered the application of the Slaughter of Animals Act, 1935, as regards sheep and lambs, this, however, was not adopted.

The weight of meat voluntarily surrendered after inspection in the Northern District was 3,256 lbs. Periodical and surprise inspections were made at slaughter houses, shops, and vehicles, and food supplies were uniformly good.

Mr. Crabtree, Sanitary Inspector for the Southern District, reports as follows :—

A considerable amount of time is given each week in fulfilling the duties of the Public Health Meat Regulations, 1924, comprising the inspection and prevention of unsound or diseased carcases being sold for human consumption, and also seeing that the meat is handled and stored in accordance with the conditions prescribed in the Regulations.

CARCASES EXAMINED :—

Beef	460
Pork or Bacon	440
Mutton	452
Veal	28

CARCASES WITH ALL ORGANS FOUND DISEASED OR UNSOUND AND VOLUNTARILY SURRENDERED :—

2 carcases of Beef	...	Generalised Tuberculosis.
2 ,, ,, Pork	...	Tuberculosis.

PARTS OF CARCASES, OR ORGANS FOUND DISEASED AND VOLUNTARILY SURRENDERED :

Beasts' heads affected with Tuberculosis				2
,, lungs	,,	,,	,,	12 sets
,, livers	,,	,,	Cirrhosis	2
Pigs' heads	,,	,,	Tuberculosis	6
Sheep livers	,,	,,	Cirrhosis	2

1 buttock of Beef and 3 Legs of Mutton—Fractured

A table of the bad meat inspected and condemned in the whole of the rural district follows:

Carcases Inspected and Condemned.

	Cattle, exclud'g Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known) ...	—	—	—	—	—
Number inspected... ...	—	884	54	888	860
All diseases except Tuberculosis Whole carcases condemned	—	3	—	—	—
Carcases of which some part or organ was condemned	—	8	—	6	3
Percentage of the number inspected affected with disease other than tuberculosis	—	1.24	—	.67	.35
Tuberculosis only. Whole carcases condemned	—	3	—	—	3
Carcases of which some part or organ was condemned	—	24	—	—	10
Percentage of the number inspected affected with tuberculosis	—	3.05	—	—	1.51

Section F.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Small Pox—No cases.

Scarlet Fever—Notifications 84. Removed to Hospital 52. Deaths nil.

The type of disease continues mild.

The average period of residence in Hospital was 28 days.

One case required Mastoidectomy, another incision of abscess of axilla.

Anti-scarlatinal serum is supplied to practitioners on request.

The cases occurred in the following parishes:—

Overseal	12	cases
Woodville	10	,,
Dalbury Lees	8	,,
Repton	7	,,
Drakelow	5	,,
Findern	5	,,
Mickleover	5	,,
Hilton	4	,,
Bretby	3	,,
Castle Gresley	3	,,
Netherseal	3	,,
Willington	3	,,
Burnaston	2	,,
Coton-in-the-Elms	2	,,
Ticknall	2	,,
Other Parishes	10	,,

Diphtheria—Notifications 24. Removed to Hospital 16. Deaths 1.

The average stay in Hospital was 22 days.

The cases occurred in the following parishes:—

Overseal	10	cases
Woodville	3	,,
Bretby (Orthopædic Hospital)	2	,,
Mickleover	2	,,
Other Parishes	7	,,

Diphtheria Anti-toxin is supplied to practitioners on request.

Enteric Fever—No cases.

Puerperal Fever—2 cases.

Pneumonia—Notifications 35. Deaths 9.

TUBERCULOSIS.

Notifications received—

Pulmonary	—Males 7.	Females 1.	Total 8
Non-Pulmonary	—Males 4.	Females 3.	Total 7
			15

Cases treated in :—

County Sanatorium, Chesterfield	4
Whitworth Hospital	1
Bretby Orthopædic Hospital	3
Derbyshire Royal Infirmary	2
Burton General Infirmary	2
	12

Deaths from Tuberculosis were 9.

Pulmonary	—Males 4.	Females 1.
Non-Pulmonary	—Males 2.	Females 2.

Particulars of new cases of Tuberculosis and of deaths from the Disease in the area during 1937.

AGE PERIODS	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	—	—	—	—	—	—	—	—
1—5	—	—	1	1	—	—	1	1
5—16	—	—	2	1	—	—	—	1
16—25	2	1	1	—	—	1	1	—
25—35	—	—	—	1	—	—	—	—
35—45	3	—	—	—	1	—	—	—
45—55	2	—	—	—	1	—	—	—
55—65	—	—	—	—	1	—	—	—
65 and upwards ...	—	—	—	—	1	—	—	—
Totals	7	1	4	3	4	1	2	2

Two cases of Tuberculosis out of a total of fifteen were not notified to the District Council, and were only discovered from the Death Returns, one was a case of Tuberculous Meningitis, and the other a case of Pulmonary Tuberculosis who had removed out of the Borough of Derby, and not re-notified when he came to reside in the District.

INFECTIOUS DISEASES.

Cases Notified During 1937.

		Number of Cases notified.	Number of Cases removed to hospital
Smallpox	...	Nil	Nil
Scarlet Fever	...	84	52
Diphtheria	...	24	16
Enteric (Typhoid) Fever	...	—	—
Puerperal Fever	...	2	—
Puerperal Pyrexia	...	—	—
Cerebro-spinal Fever	...	—	—
Erysipelas	...	11	—
Ophthalmia Neonatorum	...	1	1
Encephalitis Lethargica	...	—	—
Acute Polio-Myelitis	...	2	2
Pneumonia	...	35	1

CASES OF NOTIFIABLE DISEASES at varying ages during 1937.

	AGE GROUPS												
	Under 1 year	1-2	2-3	3-4	4-5	5-10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	Over 65	Total
Smallpox													
Scarlet Fever	1		1	2	7	41	18	6	6	1	1		84
Diphtheria			2	2		11		1	6	2			24
Enteric Fever (including para-typhoid)													
Puerperal Fever									2				2
Puerperal Pyrexia													
Pneumonia	1	1	2			1	2	1	7	6	8	6	35
Erysipelas							1		2	3	3	2	11
Ophthalmia Neonatorum	1												1
Poliomyelitis						1			1				2

Administration of the Factory and Workshop Act, 1901,
in connection with

Factories, Workshops and Workplaces.

1.—Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

PREMISES	Number of		
	Inspections	Written Notices	Occupiers Prosecuted
FACTORIES ... ... (Including Factory Laundries)	36	1	...
WORKSHOPS ... ... (Including Workshop Laundries)	122	3	...
WORKPLACES ... ... (Other than Outworkers' premises)	32	...	...
TOTAL	190	4	...

2.—Defects found in Factories, Workshops and Workplaces.

PARTICULARS	Number of Defects			Number of offences in respect of which Prosecutions were instituted.
	Found	Remedied	Referred to H.M. Inspector	
Nuisances under the Public Health Acts—				
Want of cleanliness ...	1	1		
Want of ventilation ...				
Overcrowding ...	1	1		
Want of drainage of floors ...				
Other nuisances ...	1	1		
Sanitary accommodation { insufficient / unsuitable or defective / not separate for sexes	1	1		
Offences under the Factory and Workshops Acts—				
Illegal occupation of underground bakehouse (s. 101) ...				
Other offences ...				
TOTAL	4	4		